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PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

Book

Search Protein

for

Go

Clear

Limits

Preview/Index

History

Clipboard

Details

Display

default

Show: 20

Send to

File

Get Subsequence

Features

☐ 1: AAD13189. NAD-dependent DNA...[gi:4235372]

BLink, Domains, Links

LOCUS AAD13189 527 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus aquaticus].

ACCESSION AAD13189

VERSION AAD13189.1 GI:4235372

DBSOURCE locus AF092863 accession AF092863.1

KEYWORDS

SOURCE Thermus aquaticus

ORGANISM Thermus aquaticus

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES

source

Location/Qualifiers

1..527

/organism="Thermus aquaticus"

/strain="YT-1"

/db\_xref="taxon:271"

Protein

&lt;1..&gt;527

/product="NAD-dependent DNA ligase"

CDS

1..527

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/transl\_table=11

ORIGIN

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121 rgevypiea flrlngelye agerifknpr naaagslrqk dprvtarrgl ratfyalglg
181 leetglksqh dlllwlkerg fpvehgftra lgaegveevy qawlkerkl pfeadgvvvk
241 lddlalwrel gytaraprfa laykfpaee etrllsvafq vgrtgritpv gvlepvfieg
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481 hmdrlleagl gdllevegvg eltarailnt lkdpefrdlv rrlkeag

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